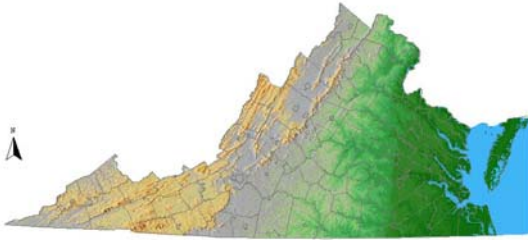


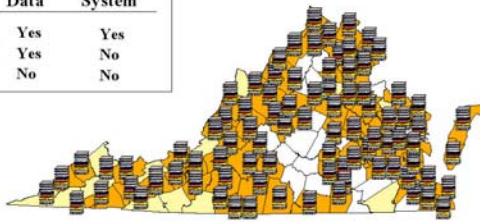
Virginia Base Mapping Program (VBMP)

Virginia E-911 Wireless Services Board
Virginia Geographic Information Network (VGIN)
Virginia Geographic Information Network Advisory Board



Status of Digital Geographic Data Use

Digital Data	In-House System
Yes	Yes
Yes	No
No	No



The Virginia Geographic Information Network
[Http://www.vgin.state.va.us](http://www.vgin.state.va.us)



Base Map Data Source 2001

Red	Digital Ortho Photography
Blue	Hardcopy Ortho Photography
Green	Controlled Aerial Photography
Yellow	Other (GPS)
Purple	Digital Ortho Quarter Quads
Light Green	Hardcopy 7.5 min USGS Quads
Dark Green	Census Tiger Data
Dark Blue	Hardcopy Tax Maps
White	No Digital Data

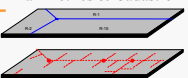



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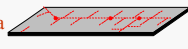



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and Leadership guide
local government data
development

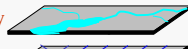

Planimetrics & Cadastre



Critical E-911 Data



Hydrography

Addresses – E 911

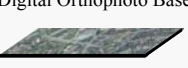
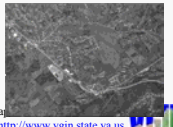




VDOT Street Centerline

Digital
Orthophotography
Base Imagery

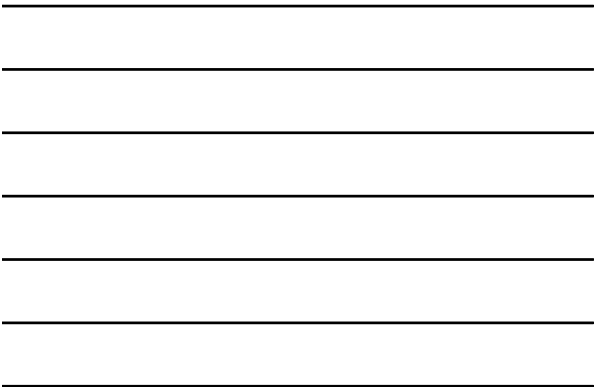
Digital Orthophoto Base

The Virginia Geospatial Information Council
<http://www.vgin.state.va.us>








- The Virginia Geographic Information Network
<http://www.vgin.state.va.us>



work
http://www.vgin.state.va.us VGIN



work
http://www.vgin.state.va.us VGIN



Hydrography

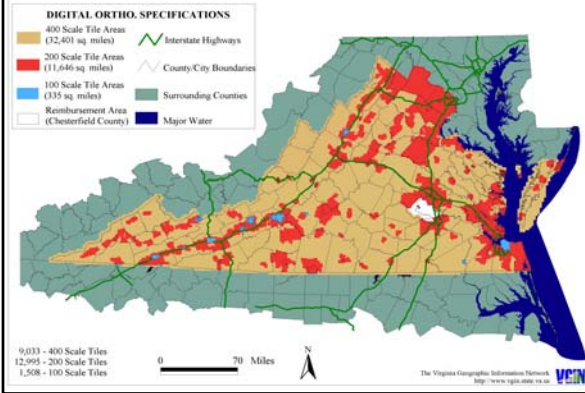
Potential Cost Issues

- Continuous Line Work (flow)
- Attribution to National Hydrological Database Standards

Potential Partnership Solutions

- U.S. Geological Survey (USGS) – Friday 8/30
- Federal Emergency Management Agency (FEMA)
- National Oceanic Atmospheric Administration (NOAA)
- Virginia Department of Conservation and Recreation (DCR)

Virginia Base Mapping Tile Assignment









Road Centerlines

Issues where VDOT Road Centerlines are used:

- Correcting off-pavement linework
- Complete/standardize attribution
- Complete Topology

Issues where Local Government Centerlines are used or needed

- Complete and standardize attribution
- Edgematch centerlines
- Update procedures and schedule
- Checking Topology standards

Potential Partnership Solutions

- Virginia Department of Transportation (VDOT)
- U.S. Census (TIGER file modernization)

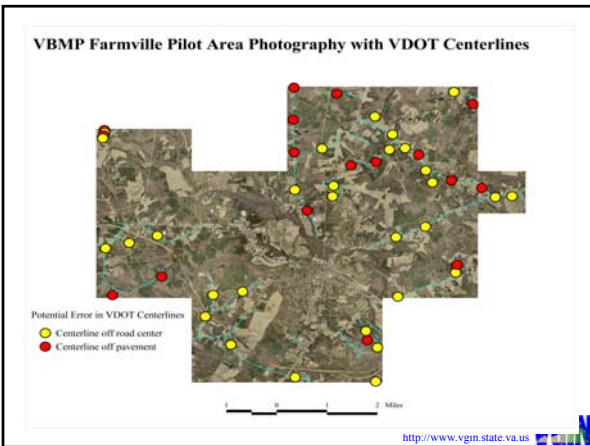
The Virginia Geographic Information Network
<http://www.vgin.state.va.us>

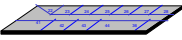












Local Government Addressing


Research Process:

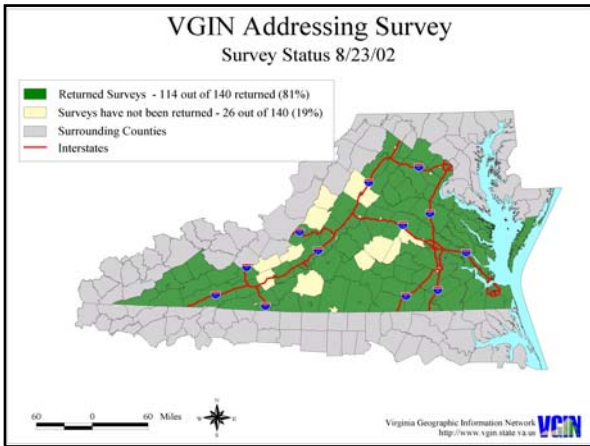
- Identify the addressing landscape across the Commonwealth
- Determine the various addressing methodologies in use
- Evaluate published addressing standards
- Identify potential options for integrating the various local jurisdiction addressing methodologies into the statewide base map
- Determine any costs required to complete the integration
- Determine maintenance/update options and solution

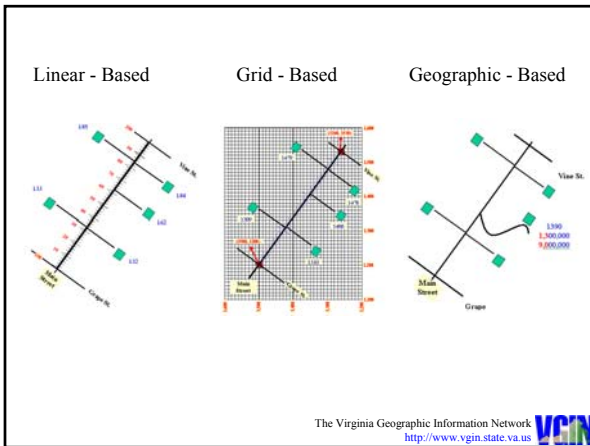
Potential Partnership Solutions

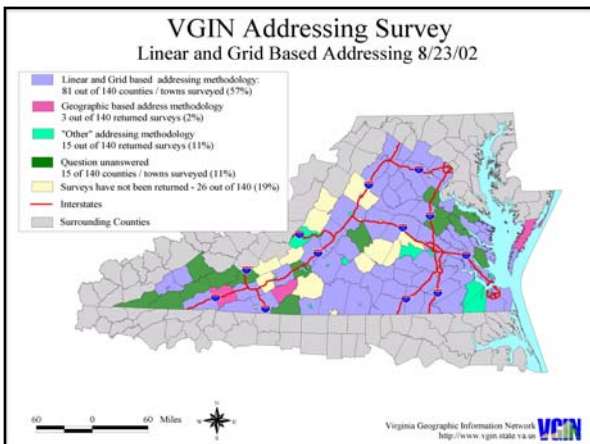
- U.S. Census (TIGER file modernization)

The Virginia Geographic Information Network
<http://www.vgin.state.va.us>

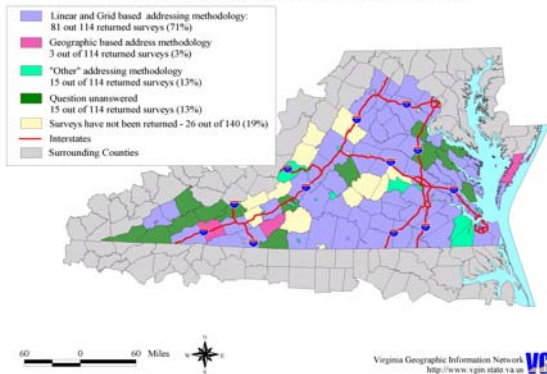




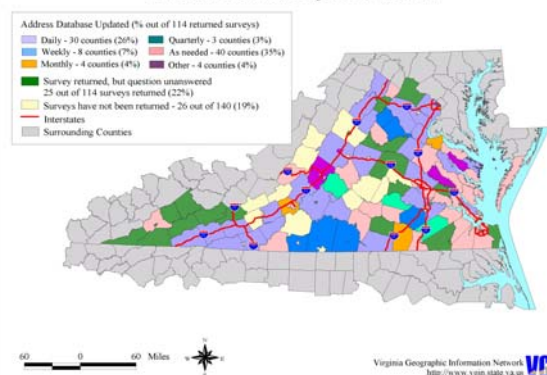


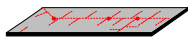


VGIN Addressing Survey Linear and Grid Based Addressing 8/23/02



VGIN Addressing Survey Address Database Updated 8/23/02



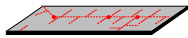


Critical E-911 Data

Working Committee:

- Terry Hall – York County
- Jim McDonnell, John Boyes – Chesterfield County
- Craig Allen – Arlington
- Mark Cvetnich – Dickenson County
- Bob Nibarger, Phil Baker, Jules Robichaud – Virginia Beach
- Joyce Salmon – Henrico County
- Gerald Smith – Charlottesville
- Spencer Suter – Botetourt County
- George Roarity – Department of Emergency Management
- Bill Shinar, Bob Rike, Matt Blaes - VGIN





Critical E-911 Data

Research Process:

- Identify all potential data needs
- Establish priorities across all needs
- Establish priorities for Wireless E-911
- Determine data specification requirements (accuracy, attribution, currency)
- Identify potential acquisition partners
- Identify acquisition methodologies
- Determine maintenance/update methodologies
- Identify costs

Potential Data Acquisition/Sharing Partners

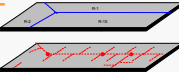
- Department of Emergency Management (DEM)
- Federal Government and Military

Virginia Geographic Information Network
<http://www.vgin.state.va.us>

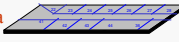


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